

FIG. 1

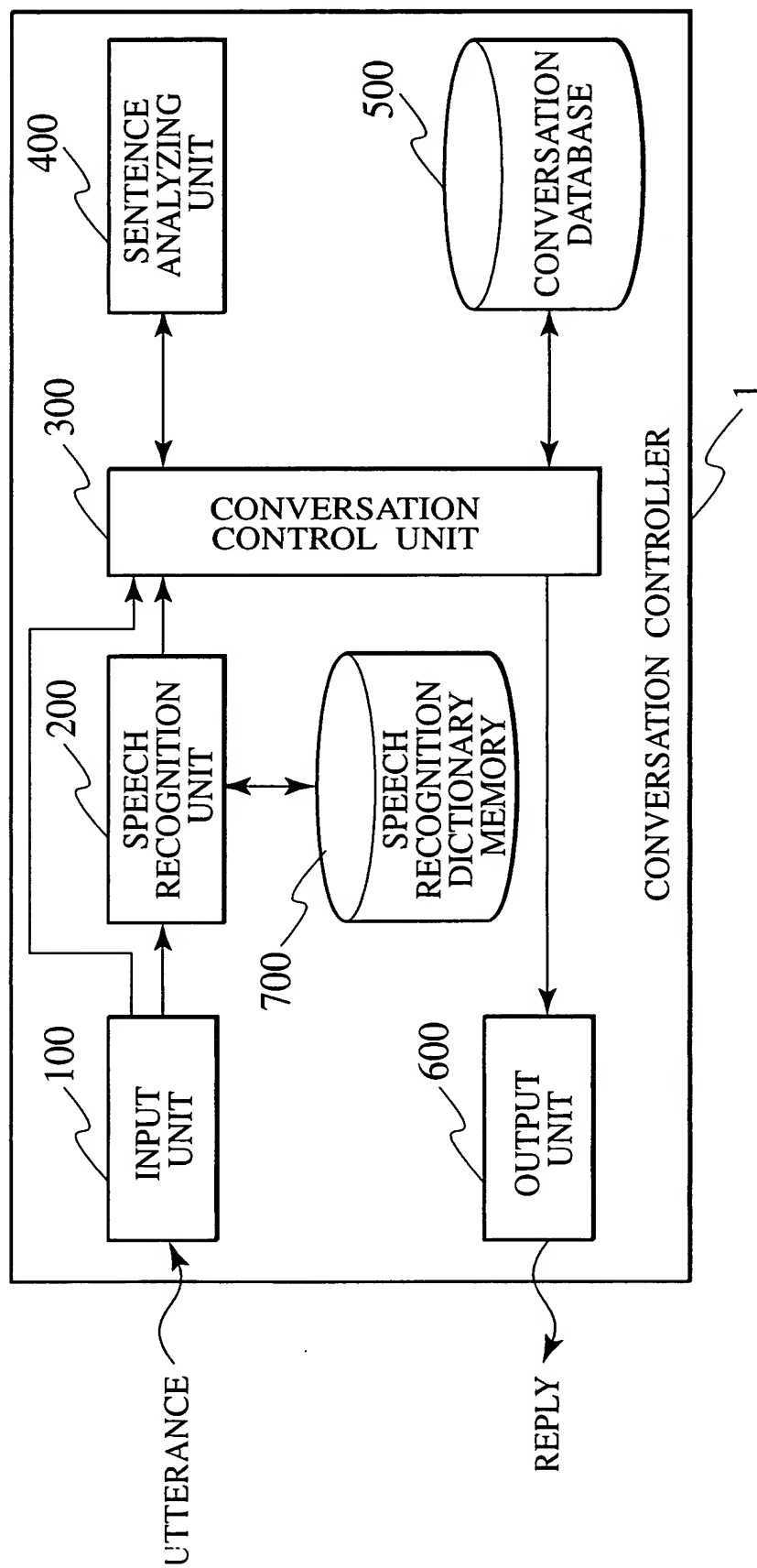
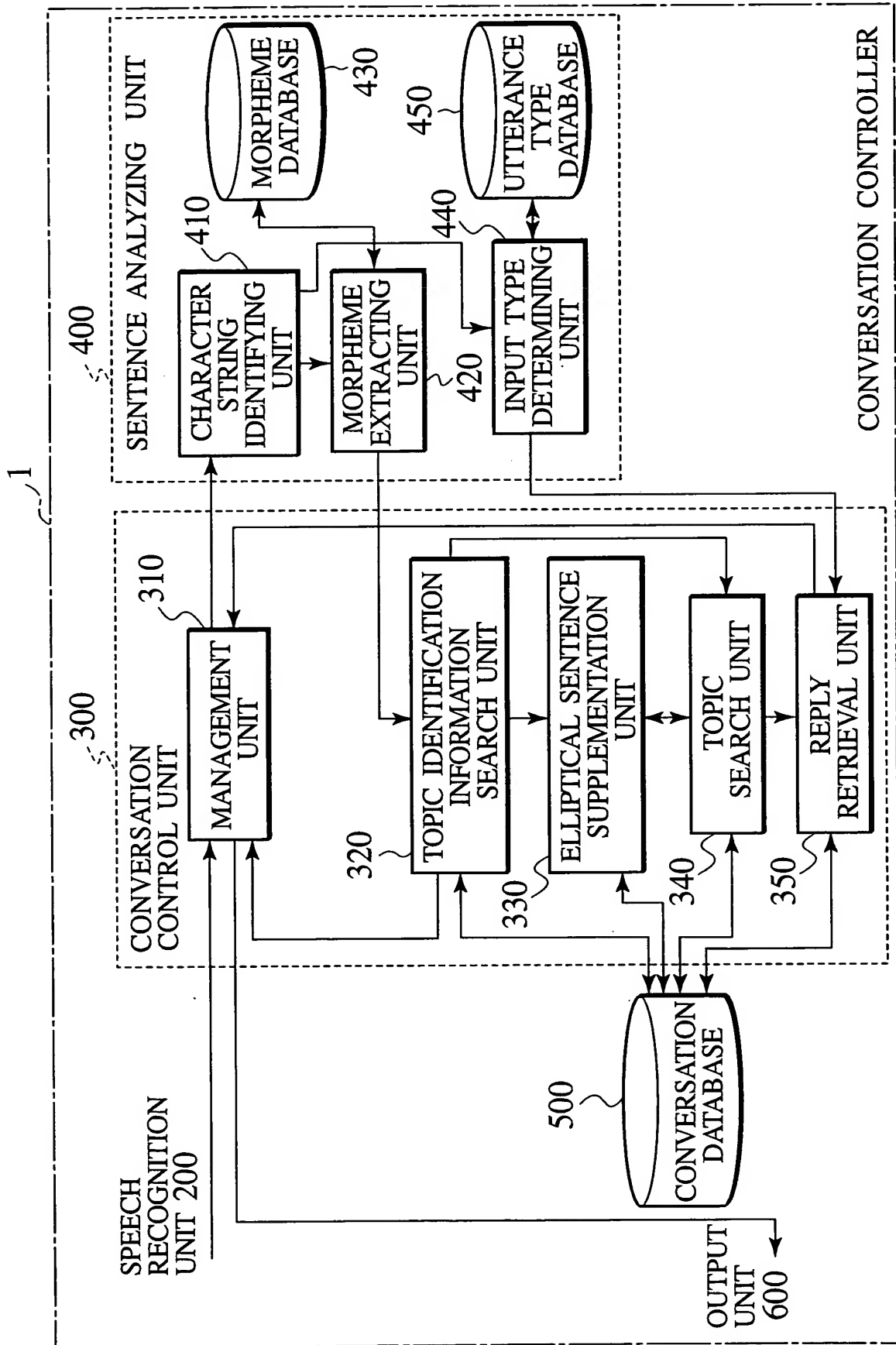


FIG. 2



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FIG. 3

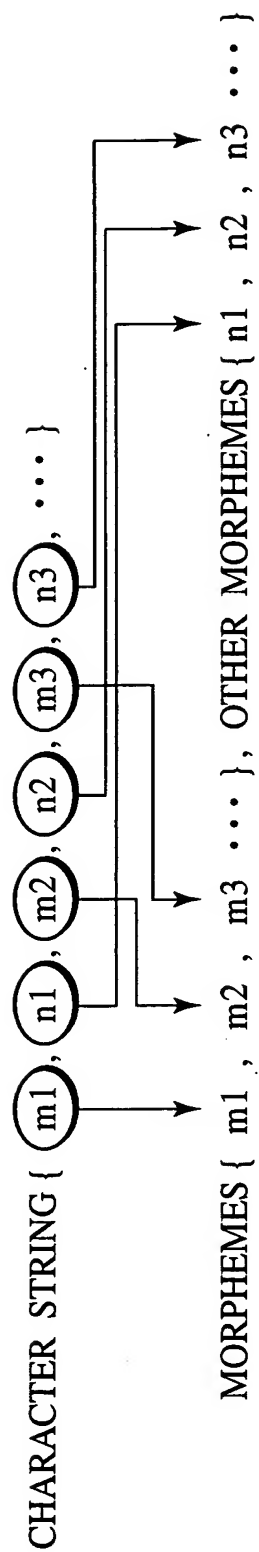


FIG. 4

	MEANING	DATA EXAMPLE
DA	DECLARATIVE AFFIRMATIVE SENTENCE	I LIKE SATO
LA	LOCATIONAL AFFIRMATIVE SENTENCE	I LIKE HIS SERIOUS FACE WHEN HE IS AT BAT
NA	NEGATIONAL AFFIRMATIVE SENTENCE	I DON'T WANT TO TALK WITH ANYONE WHO DISLIKES SATO
DQ	DECLARATIVE INTERROGATIVE SENTENCE	DO YOU LIKE SATO ?
LQ	LOCATIONAL INTERROGATIVE SENTENCE	HOW DO YOU LIKE SATO AT BAT ?
NQ	NEGATIONAL INTERROGATIVE SENTENCE	IT ISN'T TRUE THAT YOU LIKE SATO, IS IT ?
.	.	.
.	.	.
.	.	.

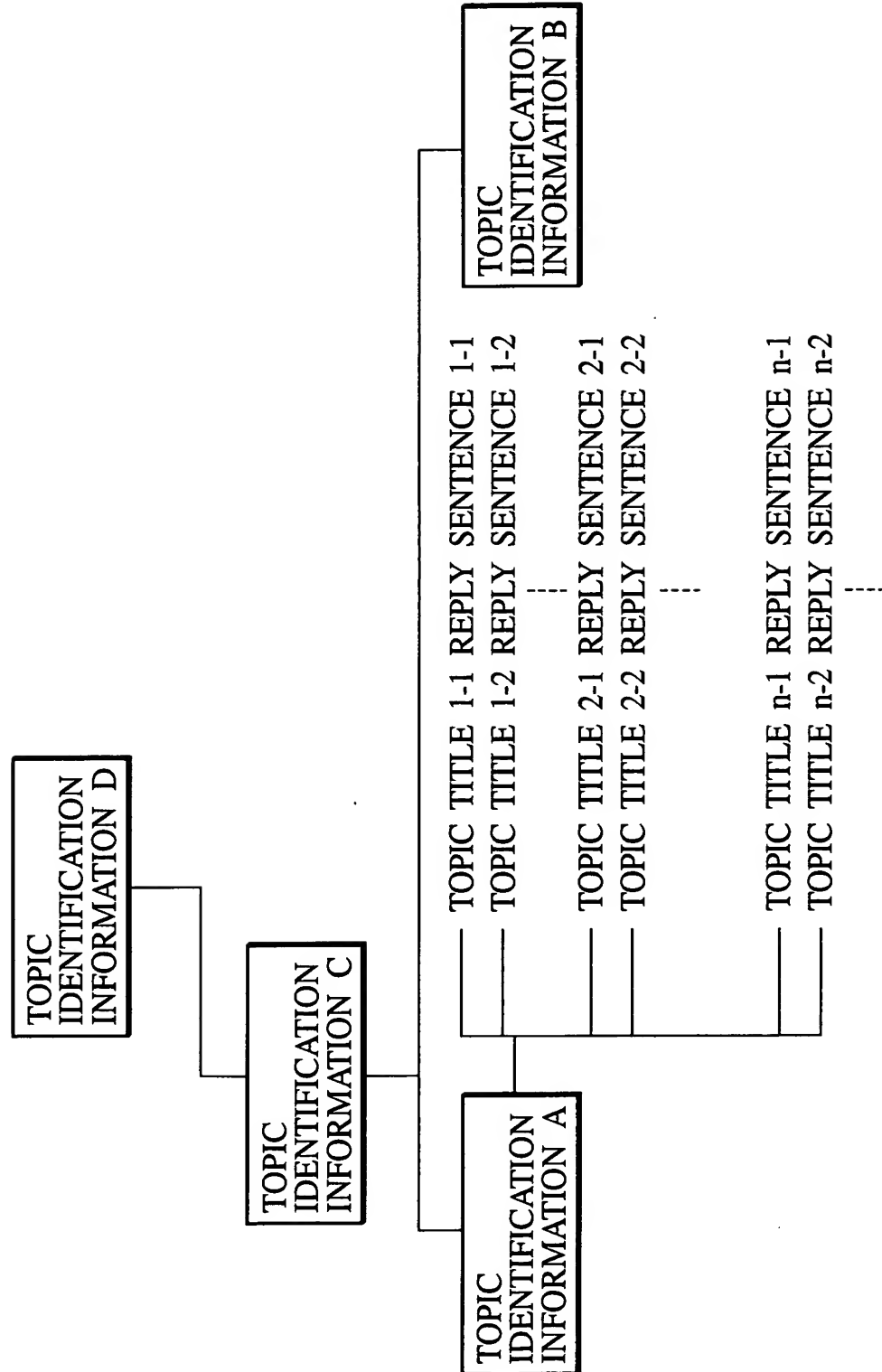
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FIG. 5

TYPE OF DETERMINATION	USED DICTIONARY
D	DEFINITION EXPRESSION DICTIONARY
N	NEGATIONAL EXPRESSION DICTIONARY
• • •	• • •

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FIG. 6



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FIG. 7

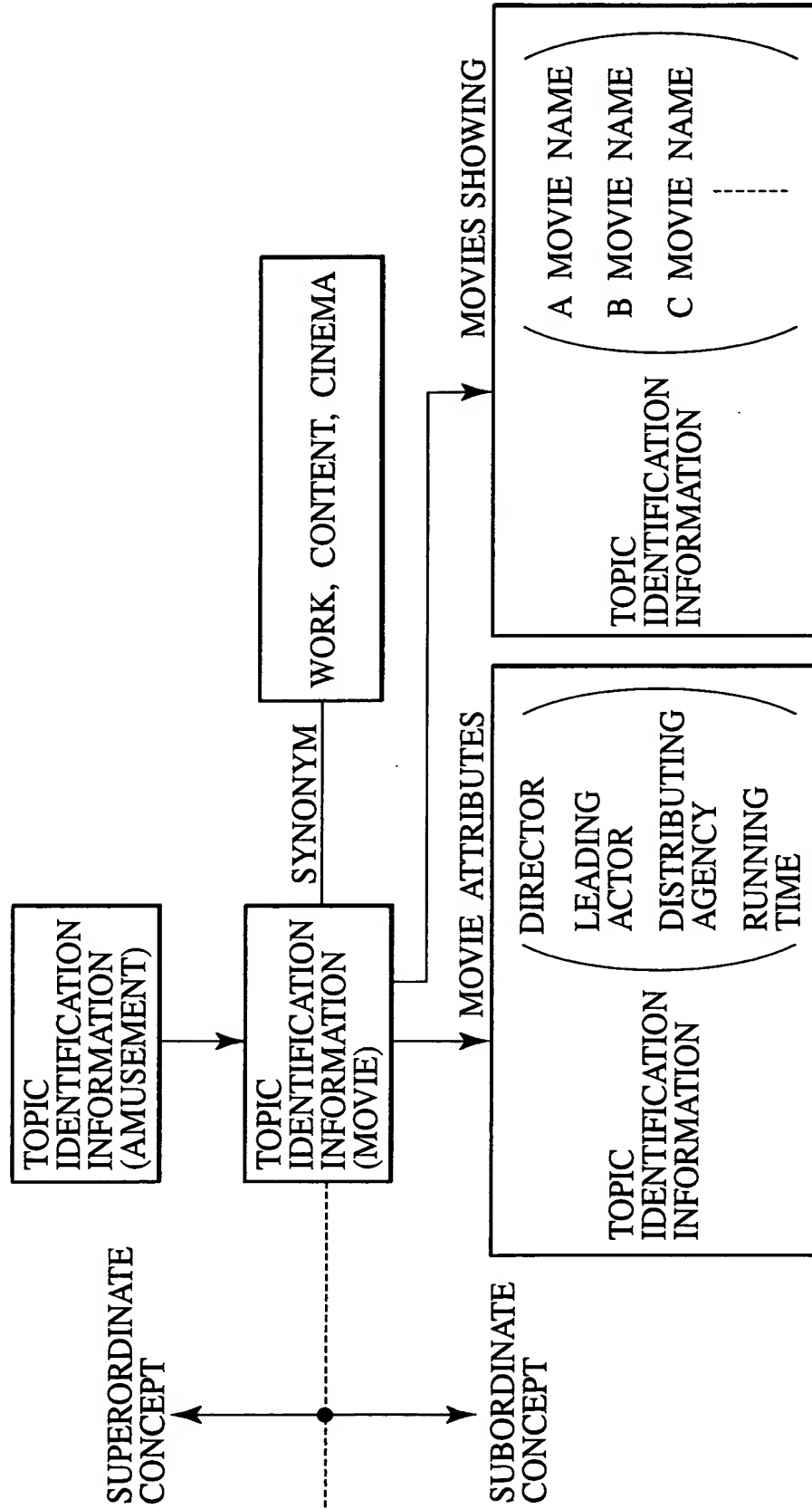


FIG. 8

	TOPIC TITLE		
	FIRST IDENTIFICATION INFORMATION	SECOND IDENTIFICATION INFORMATION	THIRD IDENTIFICATION INFORMATION
TOPIC IDENTIFICATION INFORMATION (A MOVIE)	A MOVIE	*	*
	A MOVIE	*	EXITING
	• • •	• • •	• • •
	• • •	• • •	• • •



# FIG. 9

<< TYPE OF REPLY SENTENCE >>

TYPE	CONTENT
D	DECLARATIVE SENTENCE
T	DECLARATIVE SENTENCE INCLUDING IDEA OF TIME SUCH AS "WHEN"
L	DECLARATIVE SENTENCE INCLUDING IDEA OF LOCATION SUCH AS "WHERE"
N	SENTENCE NEGATING DECLARATIVE SENTENCE
•	•
•	•
•	•

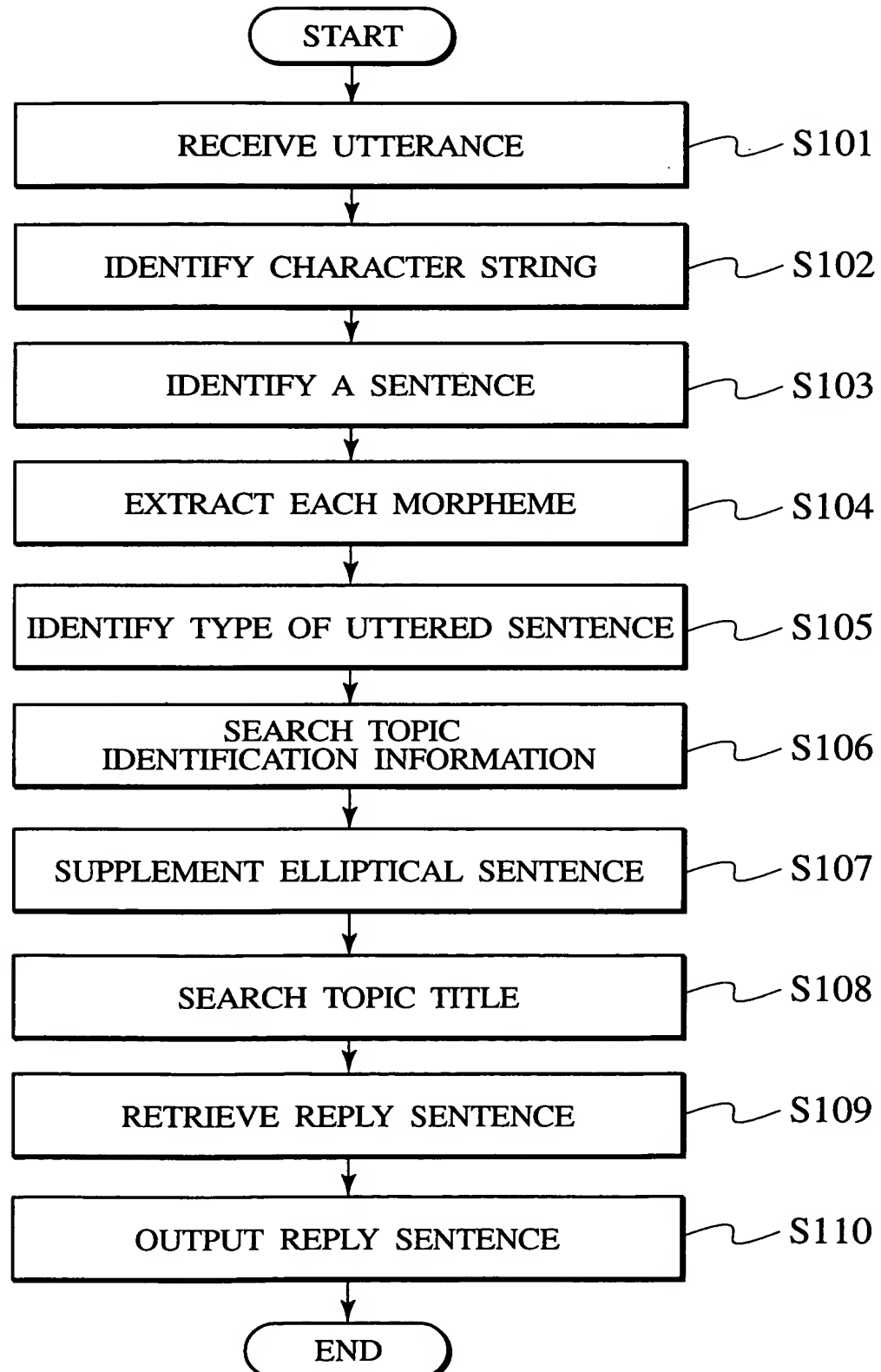
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FIG. 10

TOPIC IDENTIFICATION INFORMATION (SATO)			
SUBORDINATE CONCEPT = (HOME RUN) SUPERORDINATE CONCEPT = (SANDLOT BASEBALL) SYNONYM = (PANDA SATO, PLAYER SATO, PANDA)			
TOPIC TITLE 1-1 (SATO ; * ; LIKE)	REPLY SENTENCE 1-1	TYPE OF RESPONSE	CONTENT
		DA TA	I LIKE SATO TOO I LIKE SATO AT BAT
TOPIC TITLE 1-2	REPLY SENTENCE 1-2		•
			•
			•
•	•		•
•	•		•
•	•		•

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FIG. 11



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FIG. 12

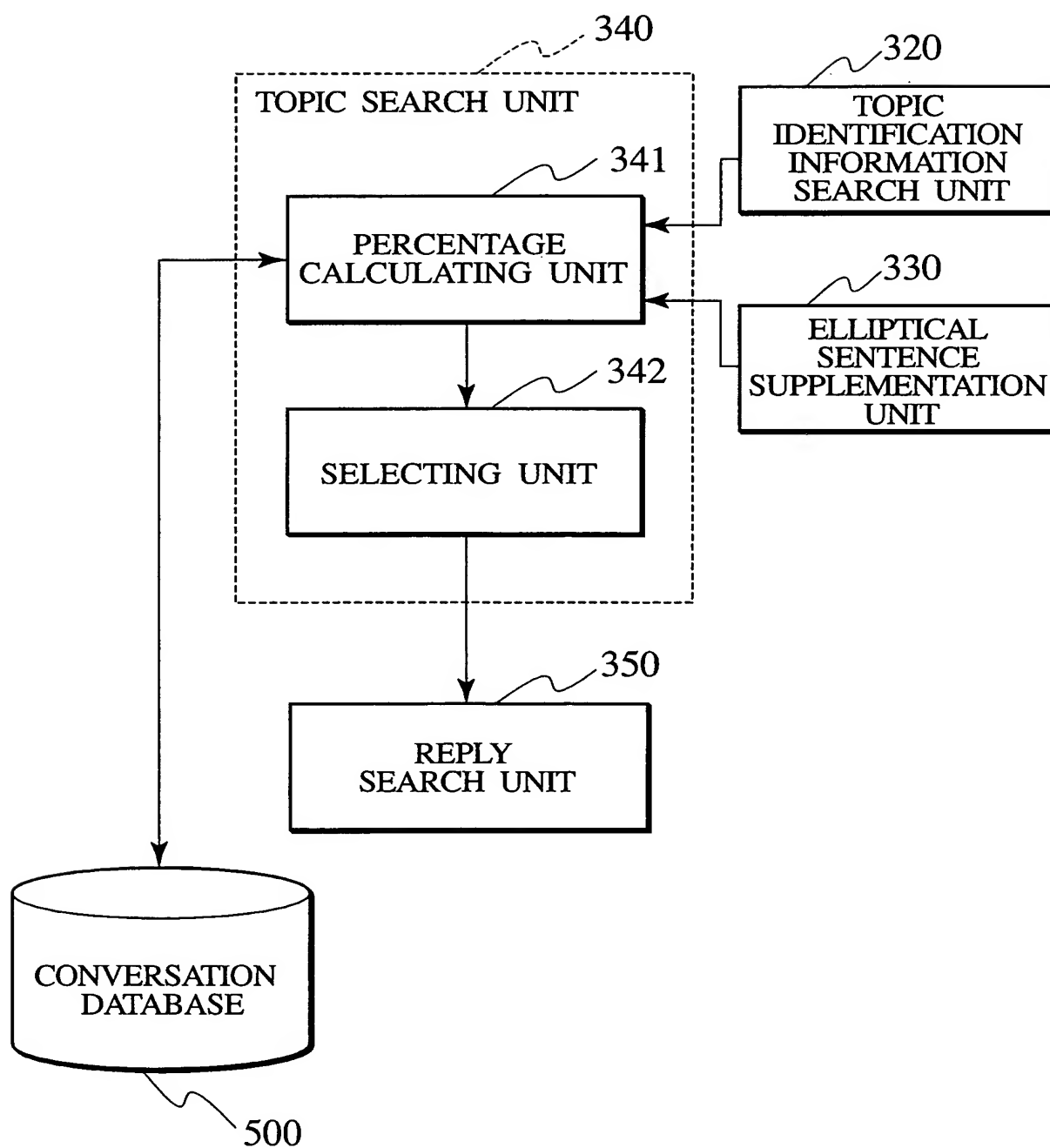
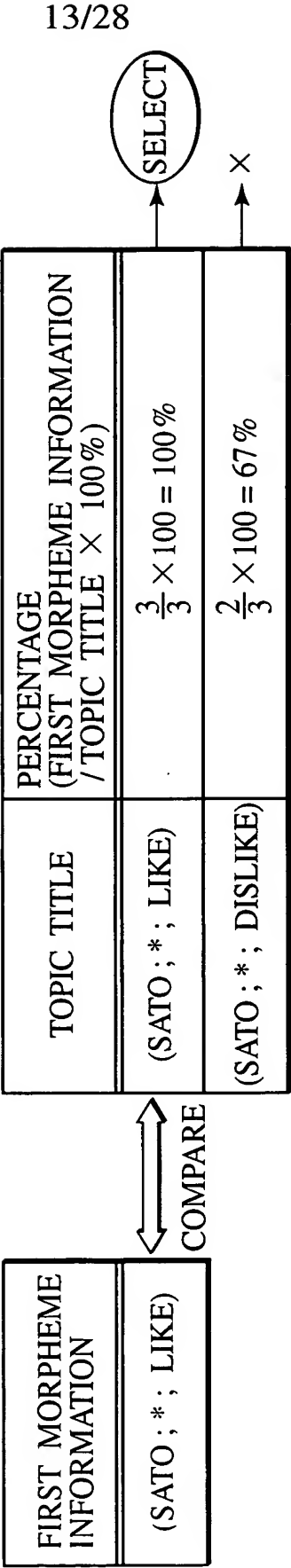
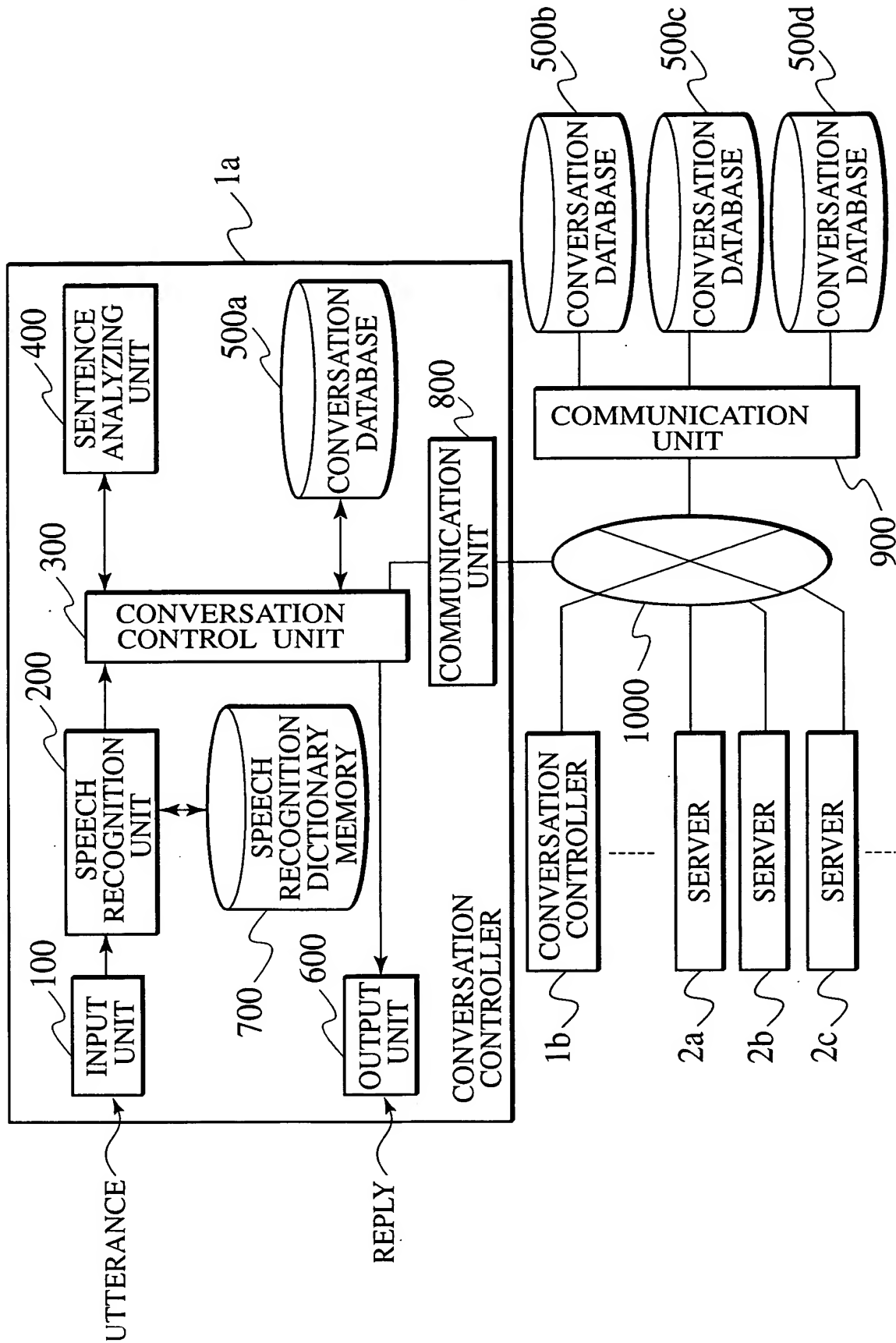


FIG. 13



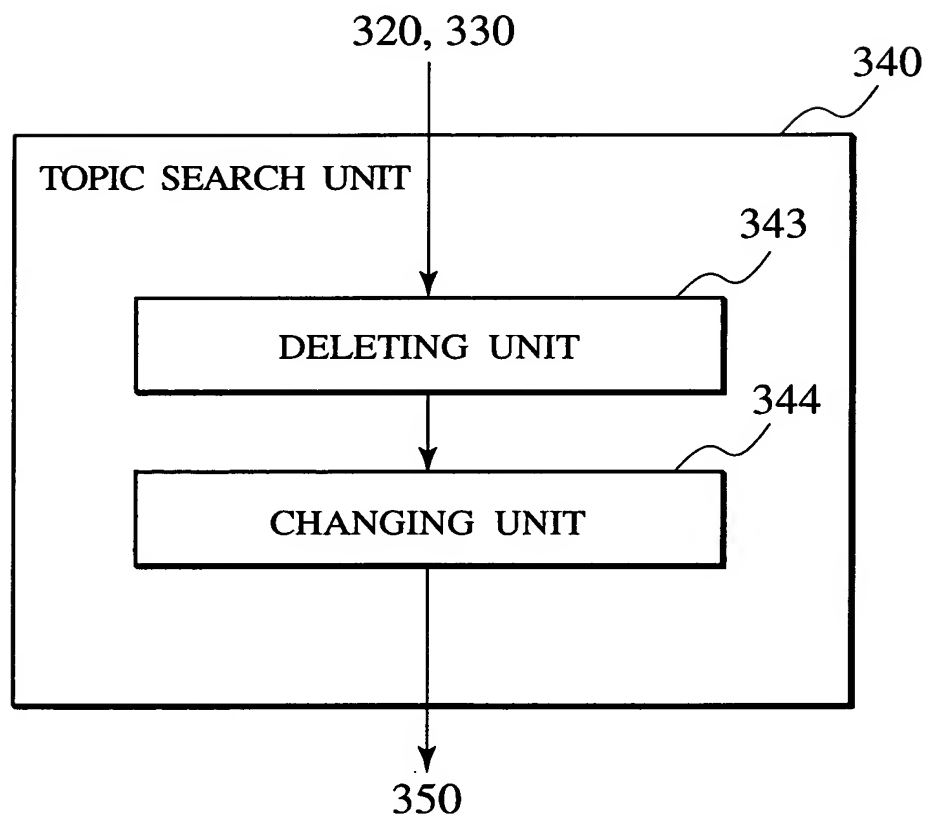
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FIG. 14



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FIG. 15



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FIG. 16

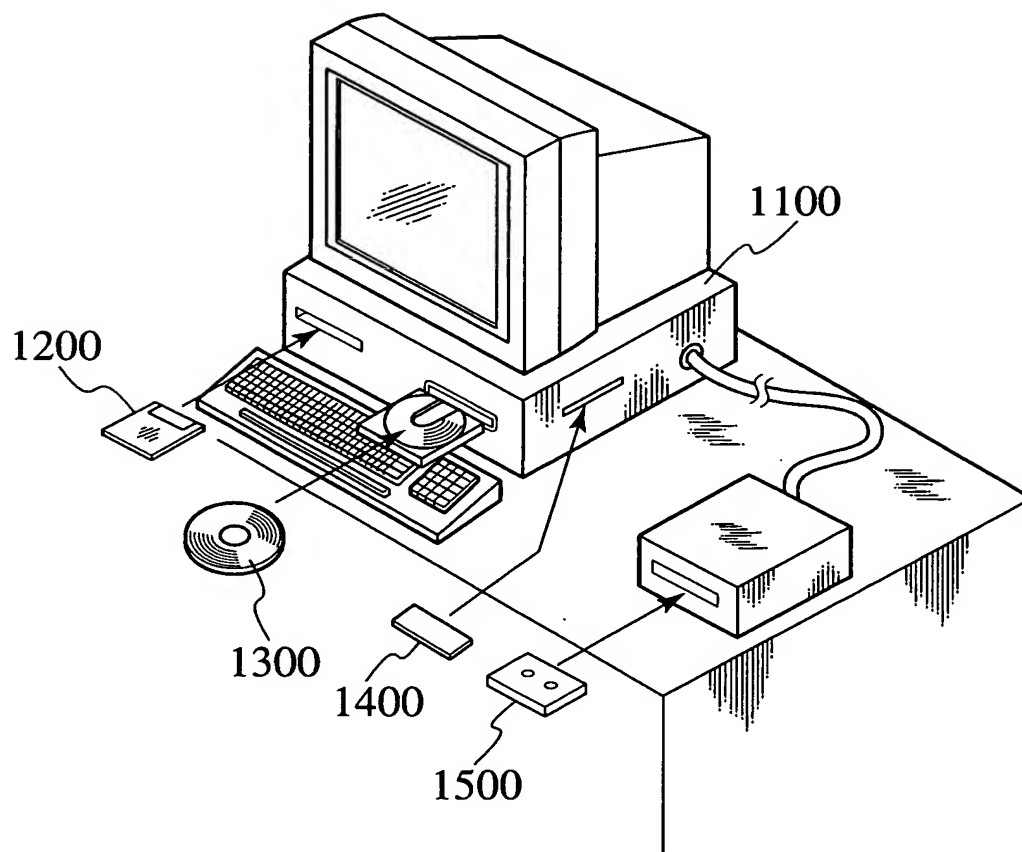




FIG. 17

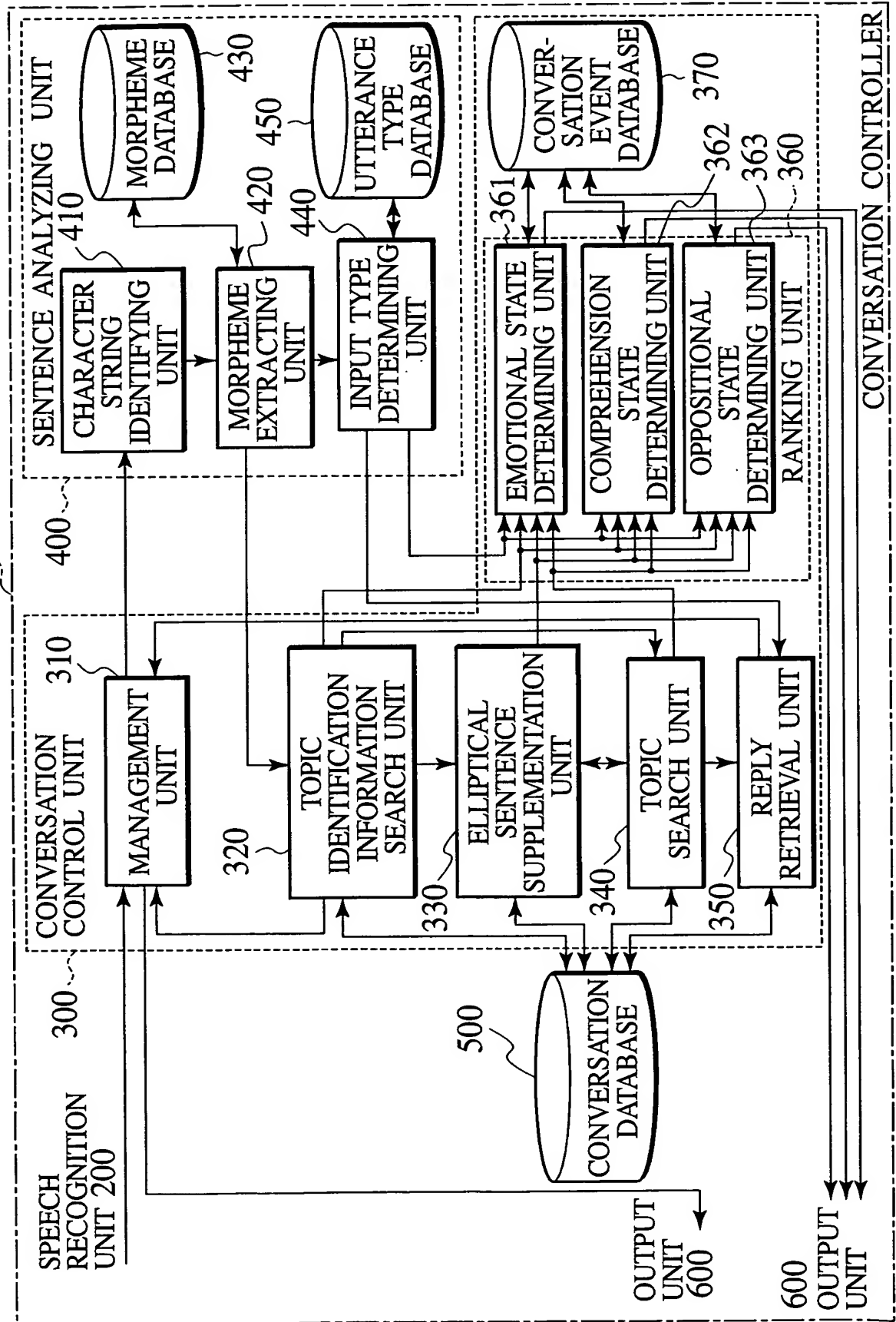


FIG. 18

	CONVERSATION EVENT			
	COHESION FACTOR	CONVERSATION CHANGE	HARASSMENT FACTOR	OPPOSITION FACTOR
	○			
ELLIPTICAL SENTENCE SUPPLEMENTATION PROCESSING			○	
REPLY IMPOSSIBLE PROCESSING				
UTTERANCE TYPE DETERMINATION PROCESSING				○
TOPIC IDENTIFICATION INFORMATION RETRIEVAL		○		

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FIG. 19

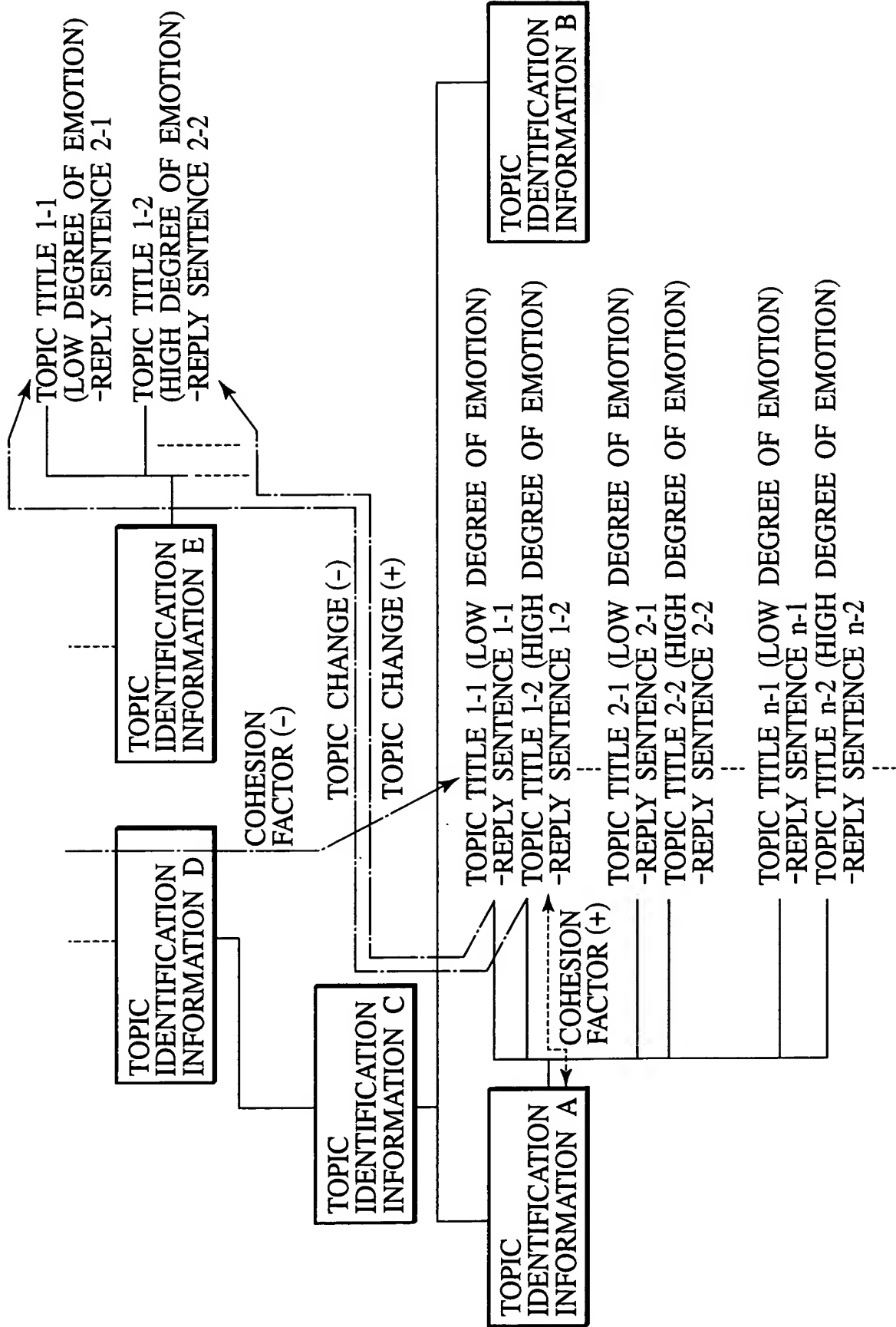
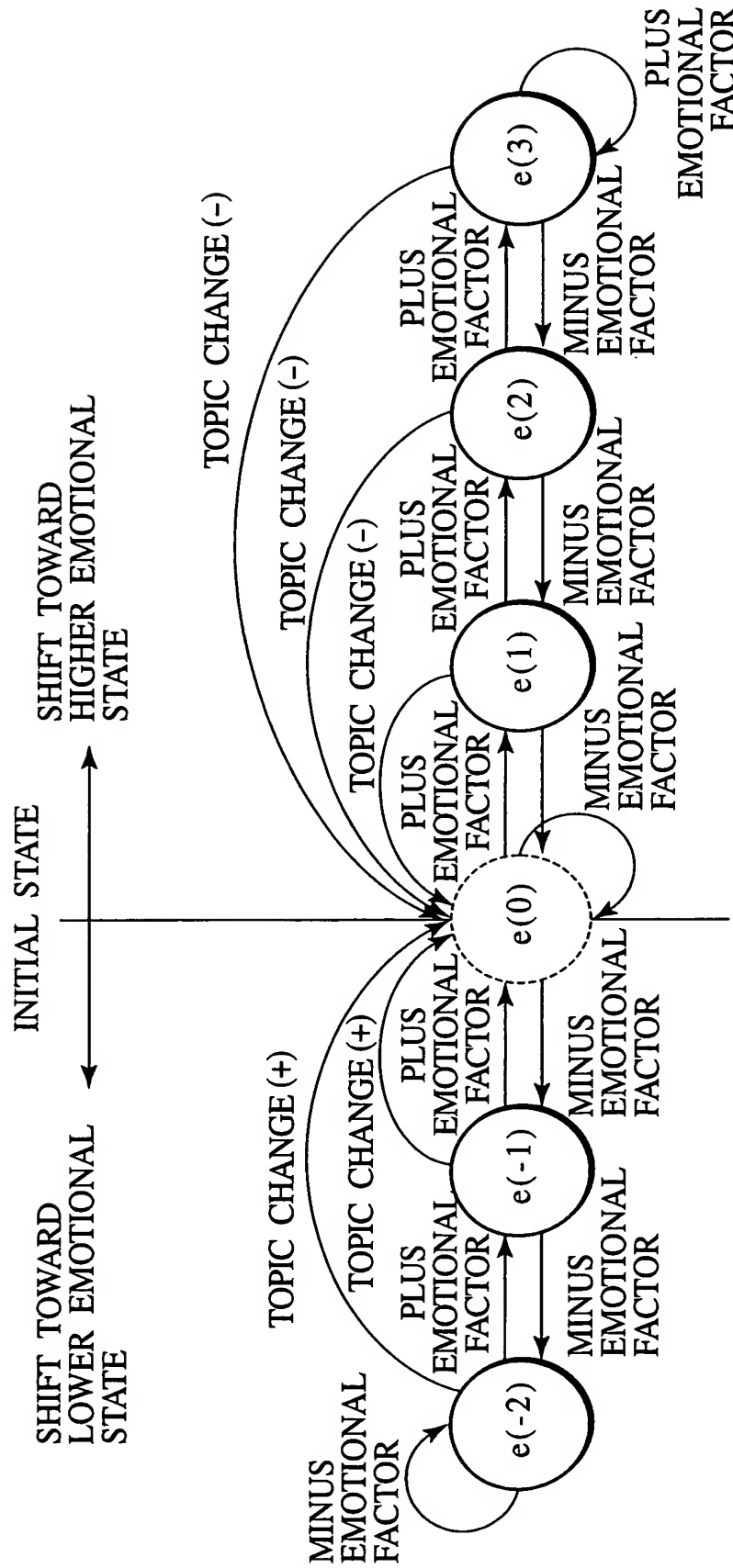


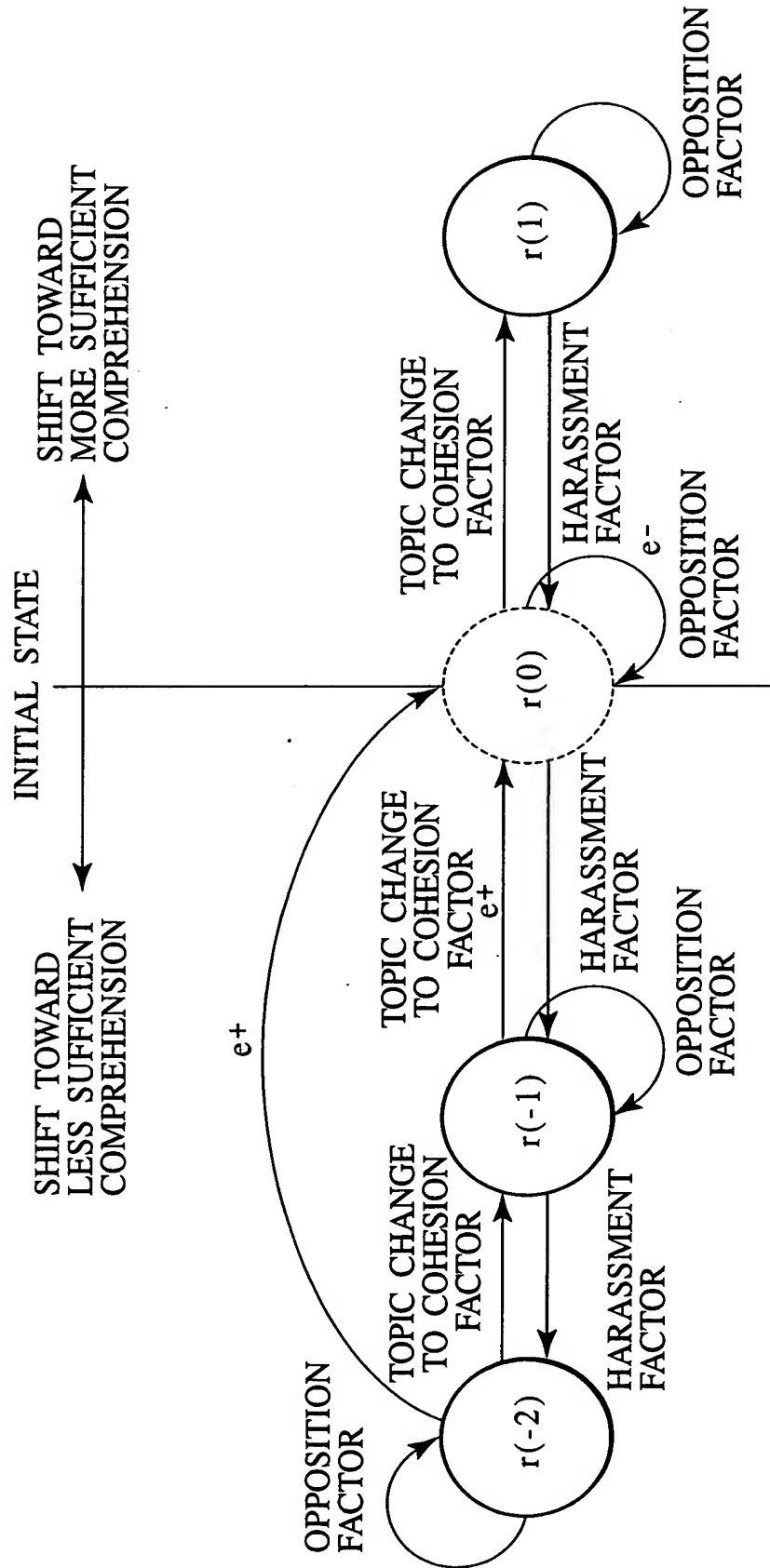
FIG. 20



MINUS EMOTIONAL FACTOR : HARASSMENT FACTOR, OPPOSITION FACTOR, COHESION FACTOR (-), TOPIC CHANGE (-)

PLUS EMOTIONAL FACTOR : COHESION FACTOR (+), TOPIC CHANGE (+)

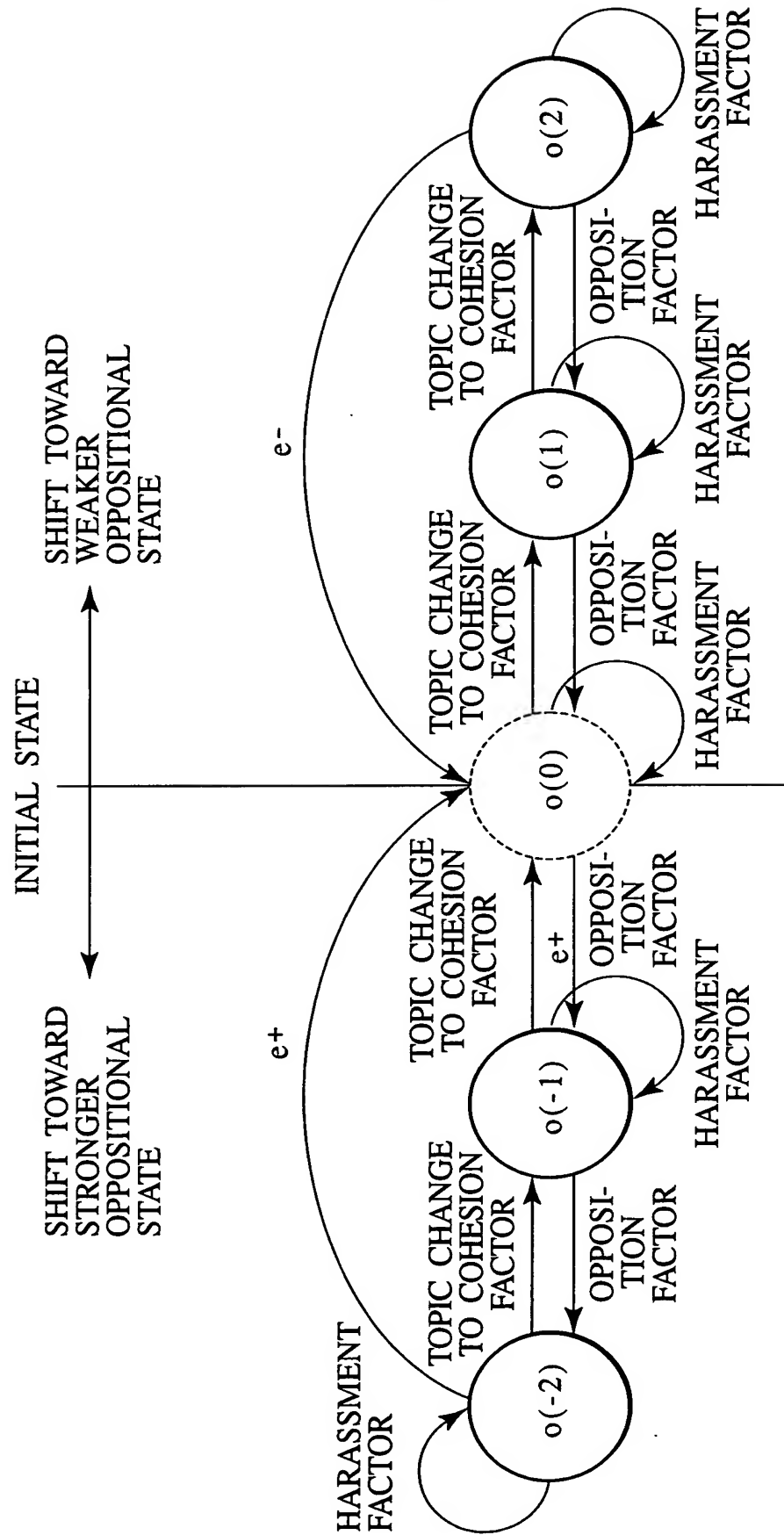
FIG. 21



$e+ : +$  SHIFT OF DEGREE OF EMOTION  
 $e- : -$  SHIFT OF DEGREE OF EMOTION

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FIG. 22



$e+ : +$  SHIFT OF DEGREE OF EMOTION  
 $e- : -$  SHIFT OF DEGREE OF EMOTION

FIG. 23

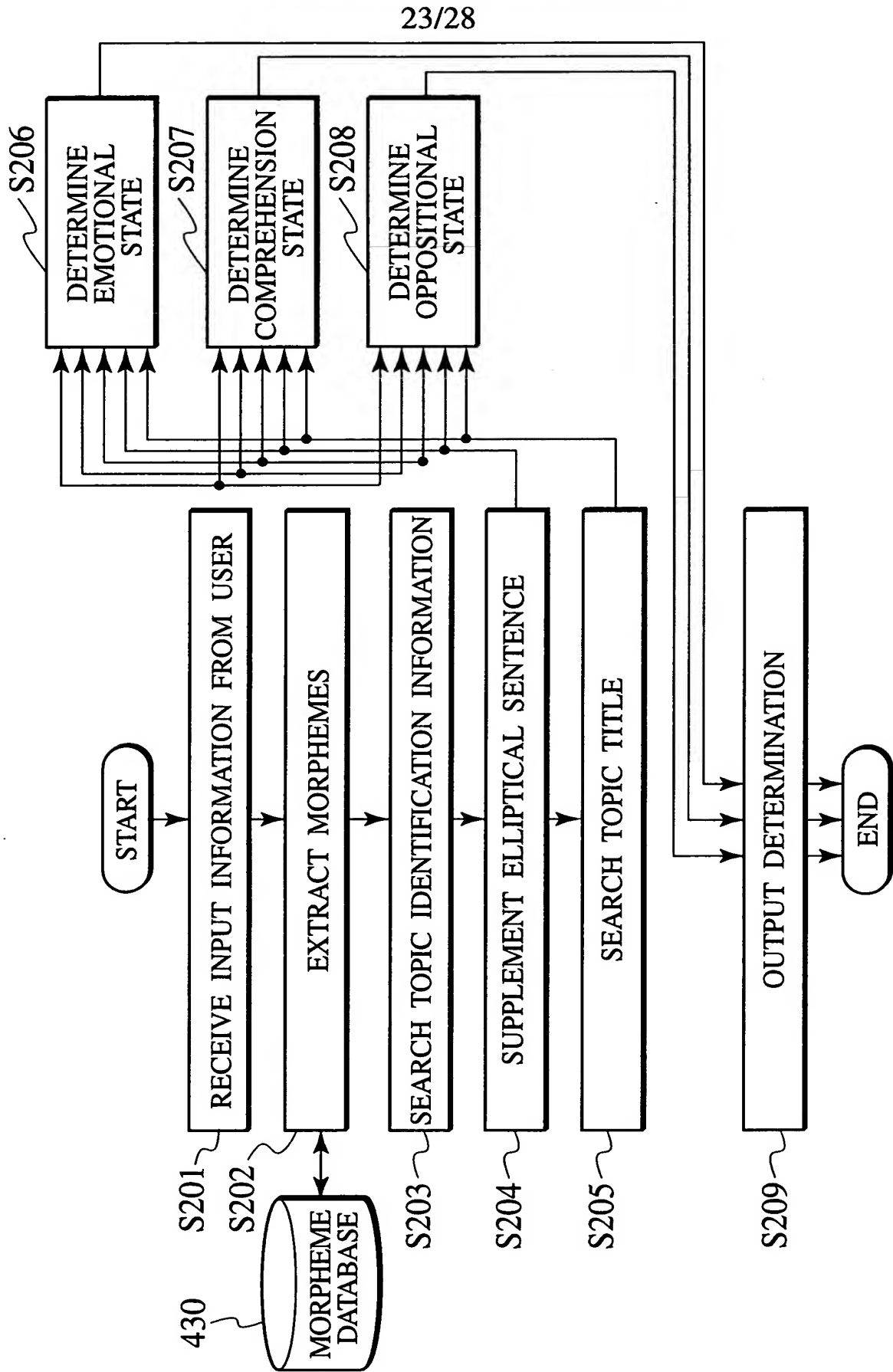


FIG. 24

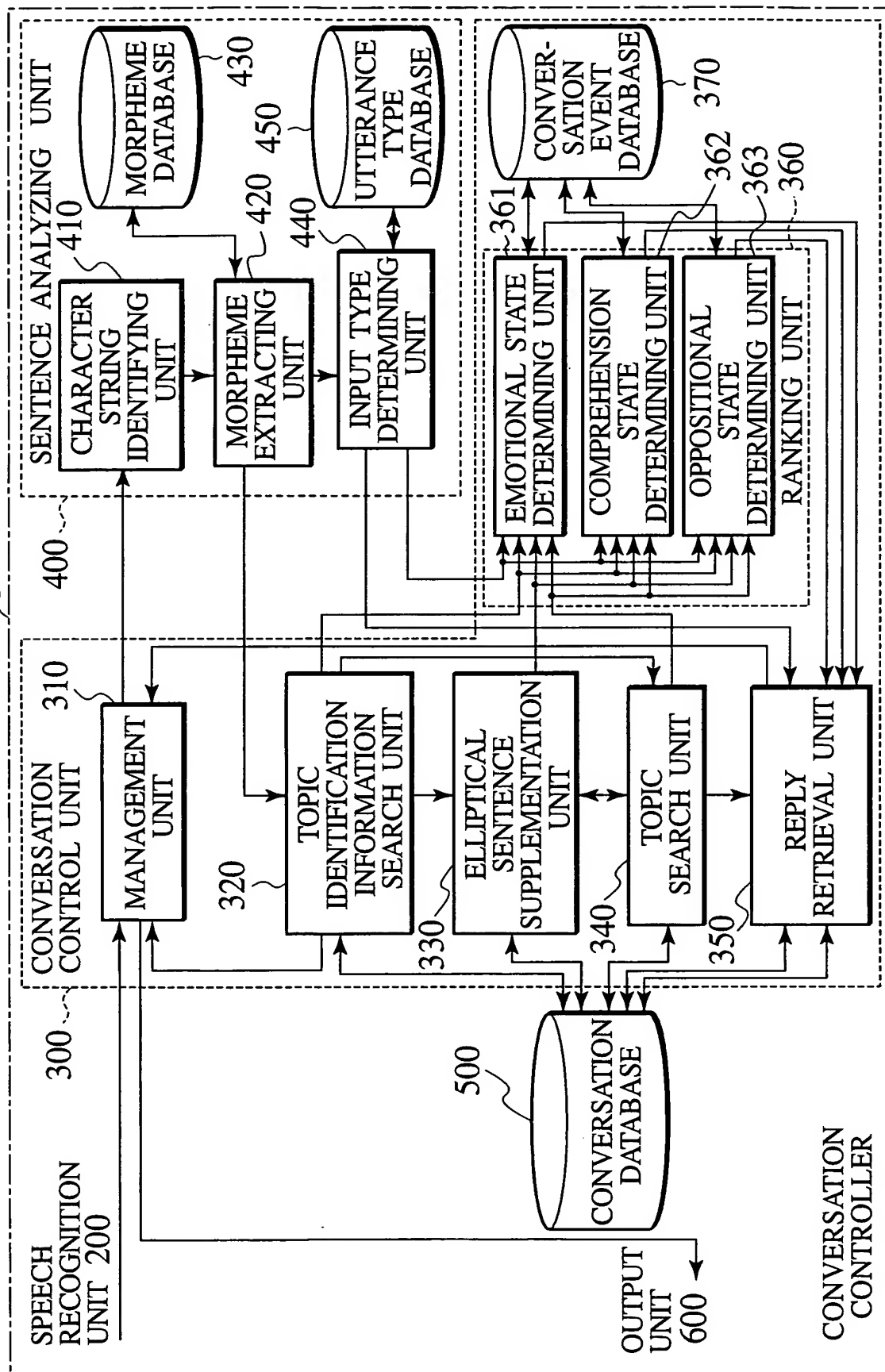




FIG. 25

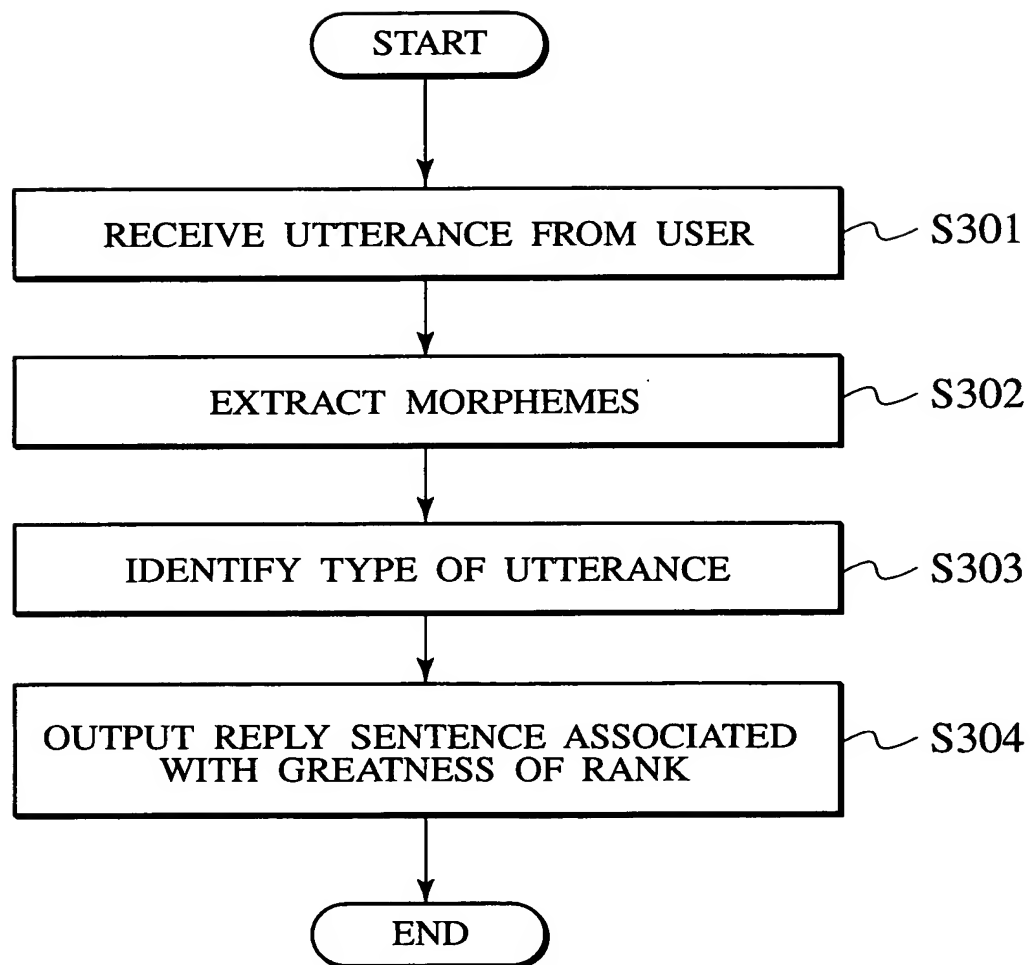
TOPIC IDENTIFICATION INFORMATION (HORSE)			
TOPIC TITLE 1 (HORSE ; * ; LIKE)	TYPE OF RESPONSE	PRIORITY LEVEL	REPLY SENTENCE
	DQ (DECLARATIVE INTERROGATIVE SENTENCE)	3	REPLY SENTENCE 1-1
		2	REPLY SENTENCE 1-2
		1	REPLY SENTENCE 1-3
		. . .	. . .
	LQ (LOCATIONAL INTERROGATIVE SENTENCE)	3	REPLY SENTENCE 2-1
		. . .	. . .
	TQ (TIME INTERROGATIVE SENTENCE)	3	REPLY SENTENCE 3-1
		. . .	. . .
TOPIC TITLE 2 . . . .	. . . . .	. . . . .	. . . . .

FIG. 26

TOPIC IDENTIFICATION INFORMATION (HORSE)		
TOPIC TITLE 1 (HORSE ; * ; LIKE) TYPE OF RESPONSE DA		
RANKING	PRIORITY LEVEL	REPLY SENTENCE
3	3	REPLY SENTENCE 1-1 (HORSES ARE REALLY ENERGETIC AND BEAUTIFUL, AREN'T THEY)
2	2	REPLY SENTENCE 1-2 (HORSES ARE REALLY BEAUTIFUL, AREN'T THEY)
1	1	REPLY SENTENCE 1-3 (HORSES ARE BEAUTIFUL, AREN'T THEY)
0	0	REPLY SENTENCE 1-4 (I THINK THE APPEARANCE OF HORSES IS ORDINARY)
-1	-1	REPLY SENTENCE 1-5 (I DON'T KNOW HORSES ARE BEAUTIFUL)
-2	-2	REPLY SENTENCE 1-6 (HORSES AREN'T BEAUTIFUL)
-3	-3	REPLY SENTENCE 1-7 (I HAVE NO INTEREST IN HORSES)

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FIG. 27



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FIG. 28

OPPOSITION CONTENTS
SHUT UP
YOU IDIOT

FIG. 29

APOLOGY CONTENTS
I WAS WRONG
I WON'T SAY BAD THINGS ANYMORE